

Converting Colors

$Y_{xy}(43.1973, 0.3056, 0.3671)$

Have a look what the booklet for
Yxy(43.1973, 0.3056, 0.3671)
contains.

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Color

Yxy(43.2946, 0.3059, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	97B89D
RGB	151, 184, 157
RGB Percent	59%, 72%, 62%
CMY	0.4079, 0.2784, 0.3842
CMYK	0.18, 0.00, 0.15, 0.28
HSL	131°, 19%, 66%
HSV	131°, 18%, 72%
XYZ	35.9886, 43.2946, 38.3651
YIQ	171.0550, -11.0010, -15.3930

Conversions

Conversions Part 2

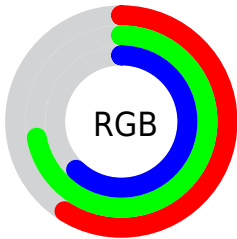
Format	Color
RYB	151, 179, 184
Decimal	9943197
CIELab	71.75, -16.53, 10.04
CIElCh	72, 19.337, 148.722
Yxy	43.2946, 0.3059, 0.3680
Android (android.graphics.Color)	4288133277 (0xFF97B89D)
YUV	171.0550, -6.9291, -17.5882
Hunter-Lab	65.7986, -17.5168, 11.4889

Details

The Yxy color **43.2946, 0.3059, 0.3680** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.5352, 0.3204, 0.2929**, and the grayscale version is **40.7940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1955, 0.3074, 0.3599**, and **19.9825, 0.3036, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **41.1886, 0.3022, 0.3935**, and if you desaturate by 10%, it is **45.7423, 0.3097, 0.3452**.

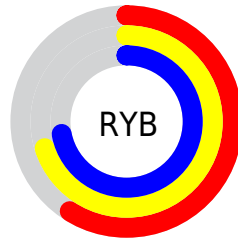
Distribution



Red (59%)

Green (72%)

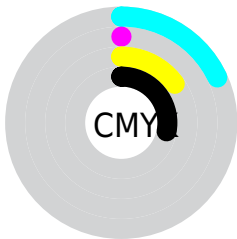
Blue (62%)



Red (59%)

Yellow (70%)

Blue (72%)

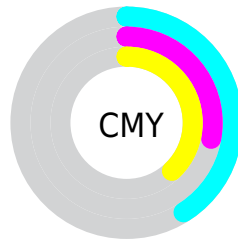


Cyan (18%)

Magenta (0%)

Yellow (15%)

Black (28%)



Cyan (41%)


Magenta (28%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2946, 0.3059, 0.3680 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 43.2946, 0.3059, 0.3680 by changing the saturation by 10% instead.


 43.2946, 0.3059,
0.3680


 43.2946, 0.3059,
0.3680


359.8219, 0.3096,
0.3478

 30.1163, 0.3049,
0.3733


 80.1552, 0.3073,
0.3605

 19.9269, 0.3035,
0.3803


 104.6064, 0.3078,
0.3577

 12.3419, 0.3015,
0.3899


133.5840, 0.3083,
0.3554

 6.9770, 0.2986,
0.4038

167.4723, 0.3086,
0.3534

 3.4477, 0.2936,
0.4259

206.6559, 0.3089,
0.3517

 1.3697, 0.2856,
0.4694

251.5191, 0.3092,

 0.1942, 0.0000,

0.3502

1.0000

302.4463, 0.3094,
0.3489

0.0000, 0.0000,
0.0000

43.2946, 0.3059,
0.3680

43.2946, 0.3059,
0.3680

41.1886, 0.3022,
0.3935

45.7423, 0.3097,
0.3452

39.4037, 0.2987,
0.4213

48.5403, 0.3135,
0.3251

37.9258, 0.2956,
0.4510


51.7036, 0.3171,
0.3075


36.7372, 0.2934,
0.4815


55.2448, 0.3205,
0.2921


35.8187, 0.2920,
0.5113


59.1759, 0.3238,
0.2789


 35.1484, 0.2919,
0.5387

 62.2751, 0.3217,
0.2664

 34.7011, 0.2929,
0.5619

 62.7630, 0.3160,
0.2595

 34.4390, 0.2949,
0.5797

 34.3960, 0.2952,
0.5828

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.2946, 0.3336, 0.3782



43.2946, 0.3059, 0.3680



43.2946, 0.2808, 0.3458

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.2946, 0.3059, 0.3680



43.2946, 0.2699, 0.2850



43.2946, 0.3633, 0.3351

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.2946, 0.3059, 0.3680



35.5352, 0.3204, 0.2929

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.2946, 0.3447, 0.3123



43.2946, 0.3059, 0.3680



43.2946, 0.2904, 0.2841

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.2946, 0.3059, 0.3680



43.2946, 0.2607, 0.2974



43.2946, 0.3177, 0.2940



43.2946, 0.3675, 0.3574

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.2946, 0.3059, 0.3680



43.2946, 0.2688, 0.3281



43.2946, 0.3177, 0.2940



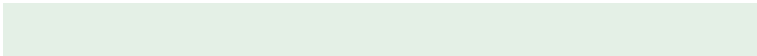
43.2946, 0.3585, 0.3273

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.2964, 0.3059, 0.3680



84.2988, 0.3108, 0.3392



46.0416, 0.3343, 0.3736



18.0993, 0.3105, 0.3406



93.3107, 0.3127, 0.3290



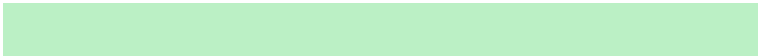
18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.2964, 0.3059, 0.3680



76.7166, 0.3042, 0.3790



43.8787, 0.2940, 0.3445



10.0862, 0.3092, 0.3482



23.7119, 0.2948, 0.5811



0.8441, 0.2822, 0.5359

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.5352, 0.3204, 0.2929



59.7165, 0.3226, 0.2837



34.9302, 0.3358, 0.3140



9.1339, 0.3165, 0.3105



8.5597, 0.3725, 0.1825



0.3092, 0.3570, 0.1740

Previews

White Background



This preview shows how the Yxy color 43.2946, 0.3059, 0.3680 looks on a white background.

Color Contrast Check

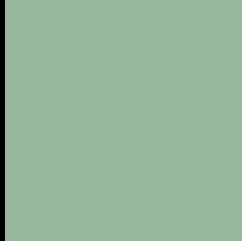
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 43.2946, 0.3059, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

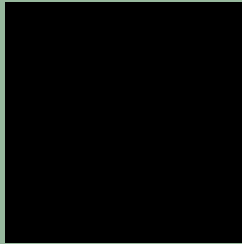
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2946, 0.3059, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 43.2946, 0.3059, 0.3680.



This preview shows how white text looks on a background with the Yxy color 43.2946, 0.3059, 0.3680.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.2946, 0.3059, 0.3680

Protanopia

43.1173, 0.3404, 0.3600

Deuteranopia

42.9198, 0.3479, 0.3407



Tritanopia

43.2586, 0.2840, 0.3098

Trichromacy



Original Color

43.2946, 0.3059, 0.3680

Protanomaly

42.9445, 0.3271, 0.3623

Deuteranomaly

42.5991, 0.3317, 0.3493

Tritanomaly

43.3116, 0.2920, 0.3303

Monochromacy



Original Color

43.2946, 0.3059, 0.3680

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.6964, 0.3103, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2946, 0.3059, 0.3680 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(151, 184, 157)` looks like.

```
.text, #text, p{  
    color:rgb(151, 184, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(151, 184, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 184, 157) }
```

Border

The CSS property to change the border of an element to Yxy 43.2946, 0.3059, 0.3680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 184, 157) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(151, 184, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(151, 184, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 184, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 184, 157);  
box-shadow:4px 4px 4px 4px rgb(151, 184,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2946, 0.3059, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 184, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(151,  
184, 157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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